

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002610.D
 Acq On : 01 Sep 2015 03:55
 Operator : UM/IZ
 Sample : G3457-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4

Quant Time: Sep 01 04:33:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

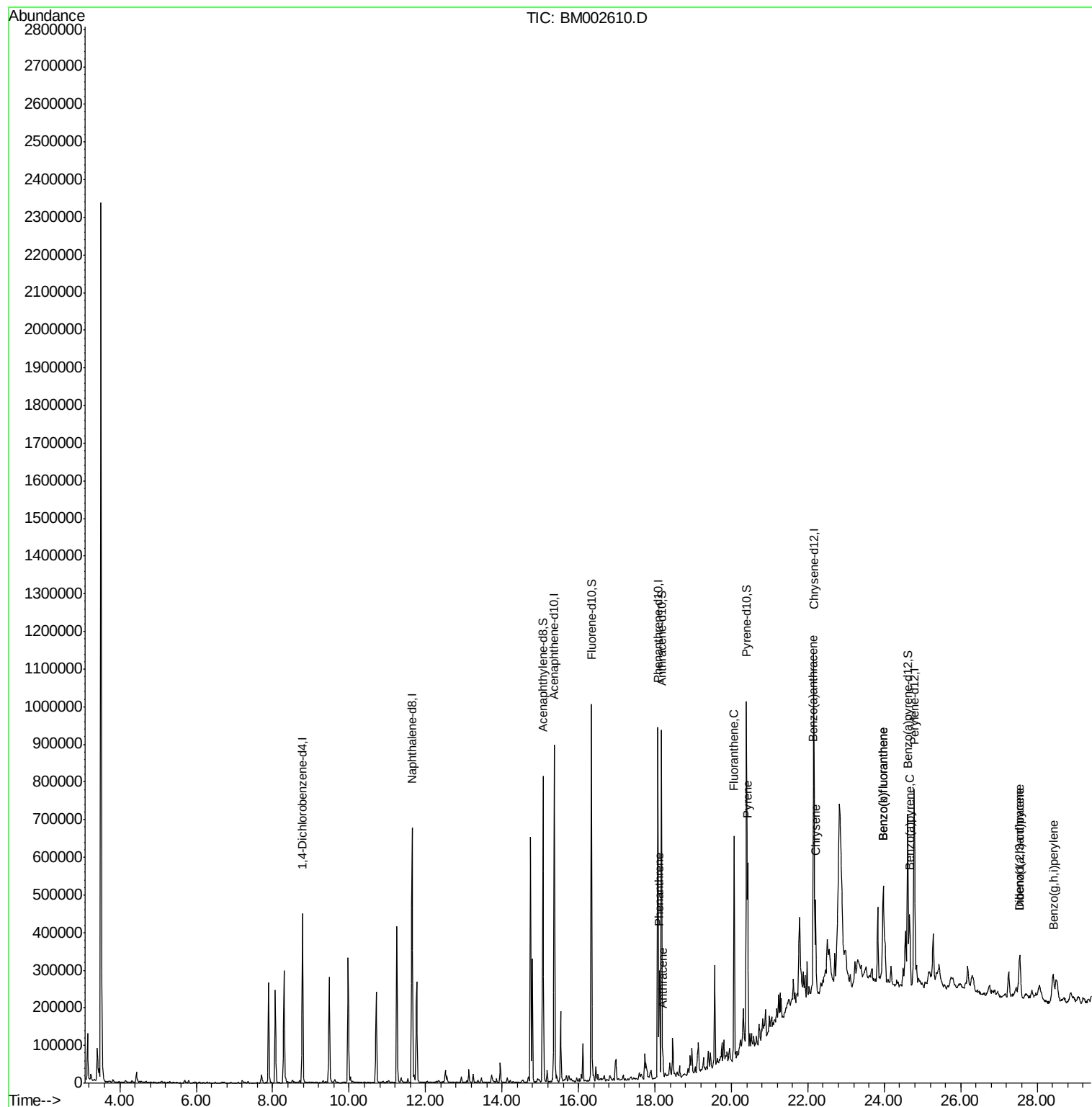
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	139197	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	629351	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	311112	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	574201	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	409469	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	423562	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	629566	19.79	ng/ul	0.00
10) Fluorene-d10	16.34	176	405461	18.15	ng/ul	0.00
14) Anthracene-d10	18.17	188	524167	18.92	ng/ul	0.00
18) Pyrene-d10	20.40	212	440001	24.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	358384	16.11	ng/ul	0.00
Target Compounds				Qvalue		
13) Phenanthrene	18.12	178	178942	5.40	ng/ul	100
15) Anthracene	18.21	178	37814	1.13	ng/ul	99
16) Fluoranthene	20.07	202	351236	9.36	ng/ul	97
19) Pyrene	20.43	202	271914	11.34	ng/ul	98
20) Benzo(a)anthracene	22.14	228	137835	5.63	ng/ul	99
21) Chrysene	22.20	228	149146	6.51	ng/ul	97
23) Benzo(b)fluoranthene	23.97	252	227479	8.88	ng/ul#	94
24) Benzo(k)fluoranthene	23.97	252	63004	2.60	ng/ul#	94
26) Benzo(a)pyrene	24.67	252	139463	5.70	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	27.55	276	106580	3.79	ng/ul	98
28) Dibenzo(a,h)anthracene	27.54	278	30083	1.28	ng/ul#	74
29) Benzo(g,h,i)perylene	28.41	276	97626	4.17	ng/ul	95

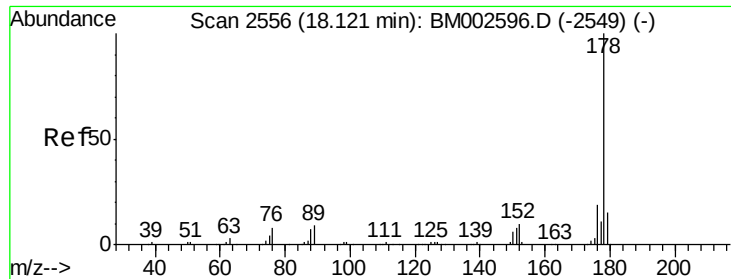
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002610.D
Acq On : 01 Sep 2015 03:55
Operator : UM/IZ
Sample : G3457-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EA4

Quant Time: Sep 01 04:33:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration





#13

Phenanthrene

Concen: 5.40 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

Instrument :

BNA_M

ClientSampleId :

D9EA4

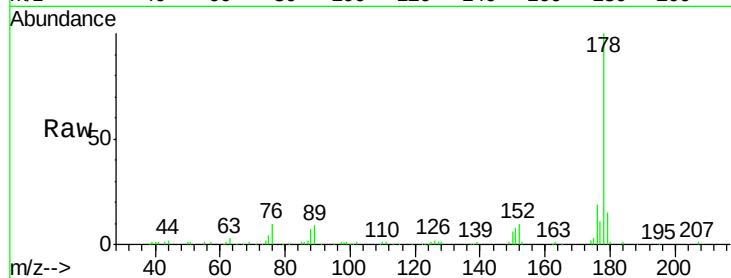
Tgt Ion:178 Resp: 178942

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

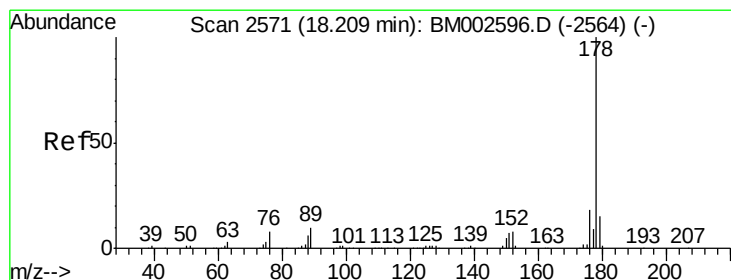
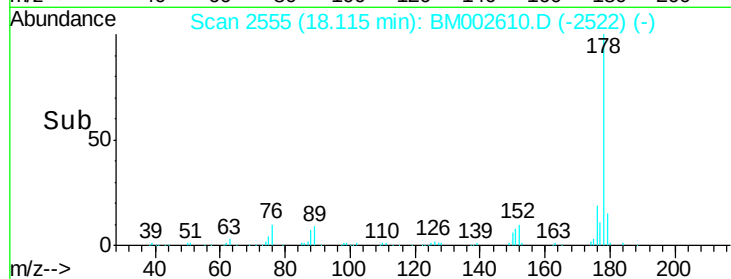
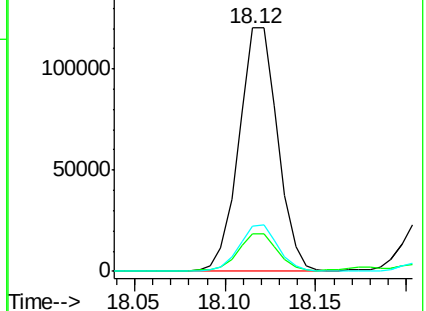
176 18.8 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Anthracene

Concen: 1.13 ng/ul

RT: 18.21 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

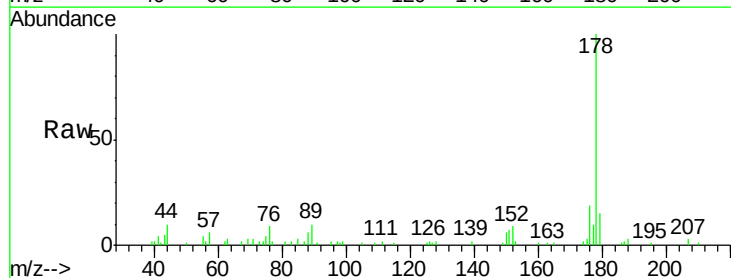
Tgt Ion:178 Resp: 37814

Ion Ratio Lower Upper

178 100

179 15.0 12.6 18.8

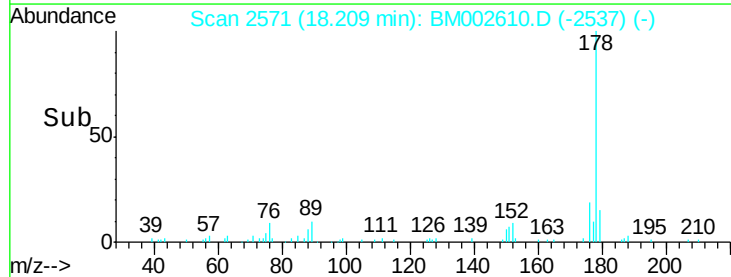
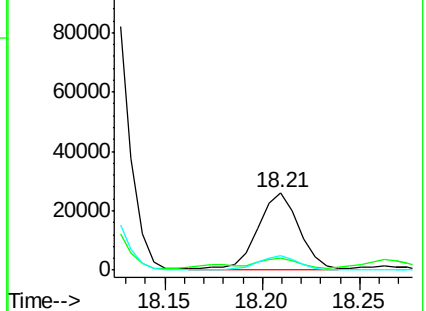
176 18.7 14.5 21.7

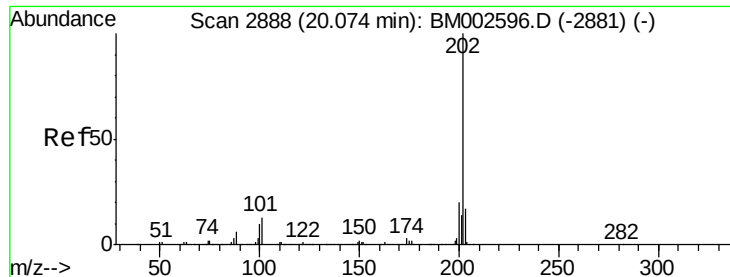


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

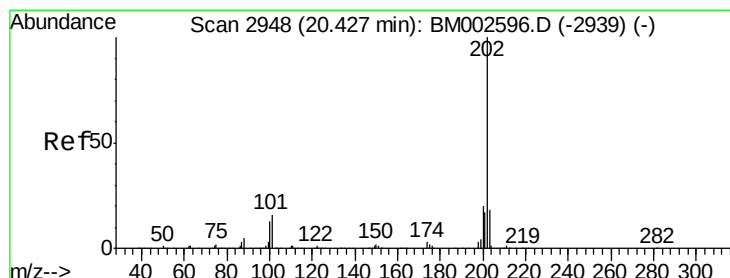
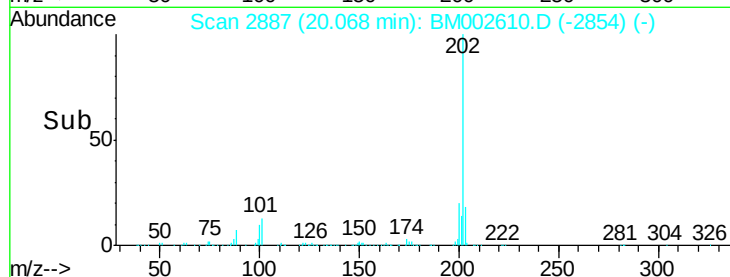
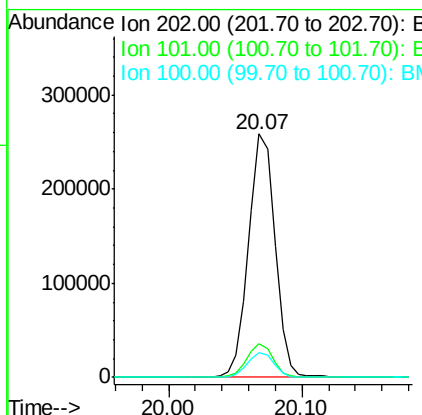
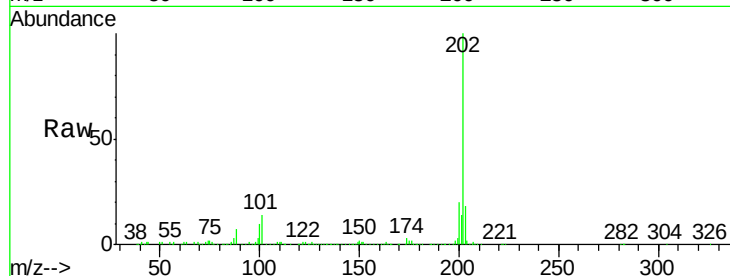




#16
 Fluoranthene
 Concen: 9.36 ng/ul
 RT: 20.07 min Scan# 2887
 Delta R.T. -0.01 min
 Lab File: BM002610.D
 Acq: 01 Sep 2015 03:55

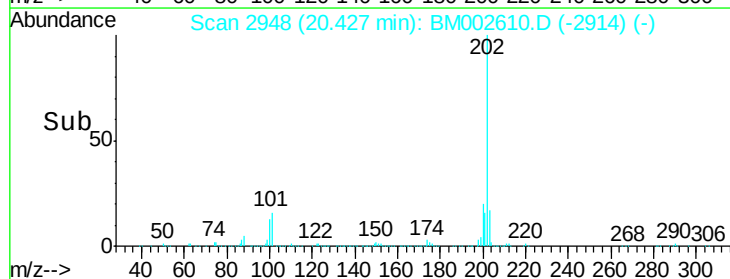
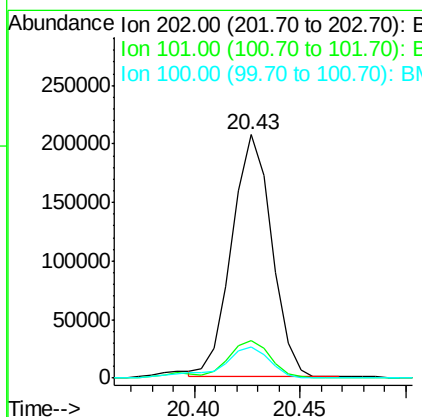
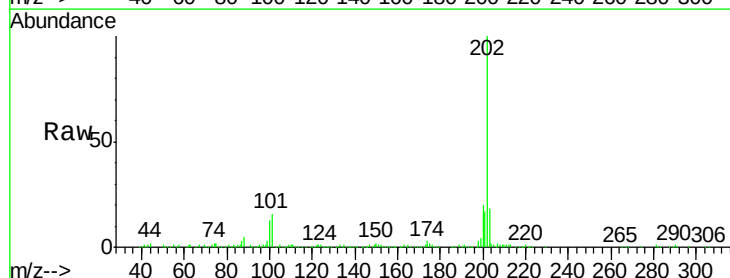
Instrument :
 BNA_M
 ClientSampleId :
 D9EA4

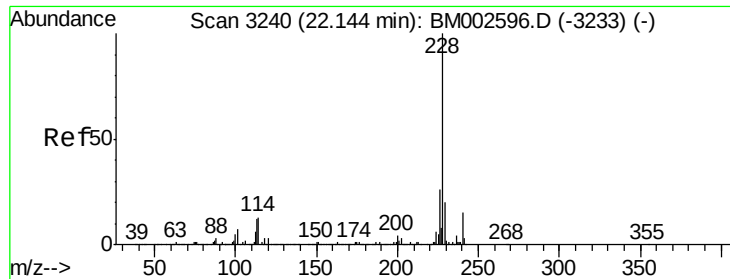
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	10.0	7.4	11.2



#19
 Pyrene
 Concen: 11.34 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002610.D
 Acq: 01 Sep 2015 03:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.0	18.0
100	12.8	9.7	14.5

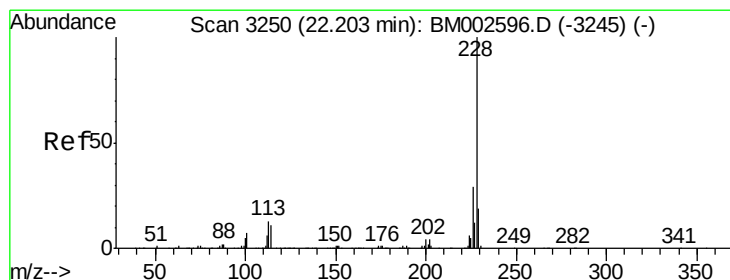
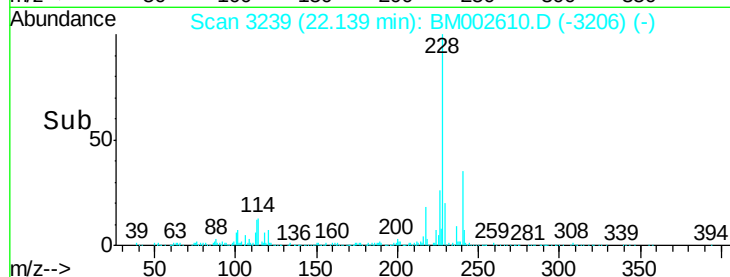
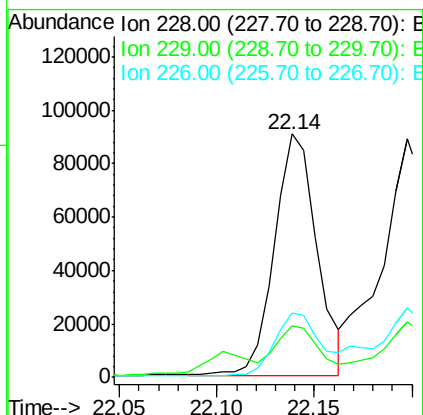
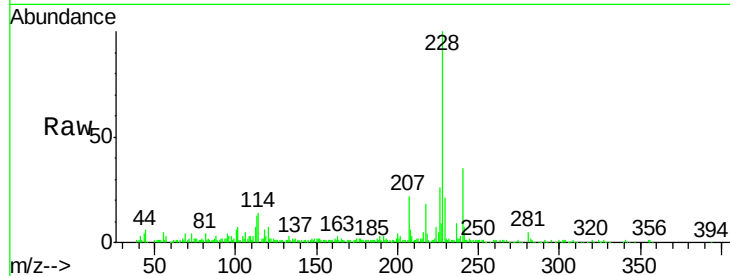




#20
Benzo(a)anthracene
Concen: 5.63 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002610.D
Acq: 01 Sep 2015 03:55

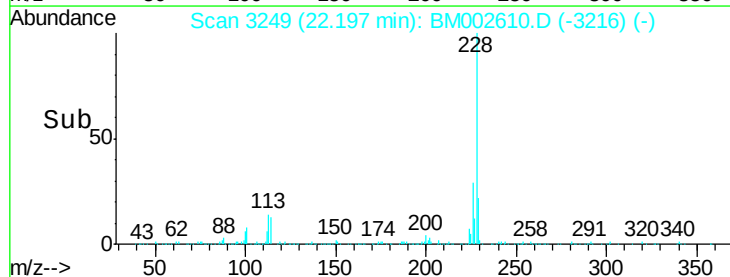
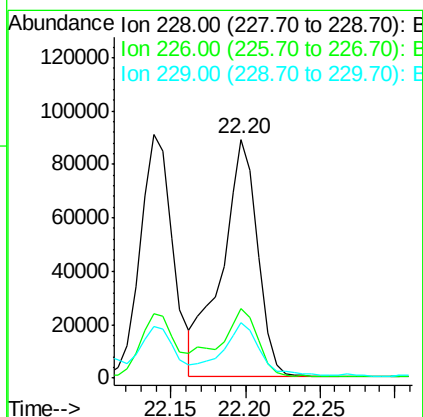
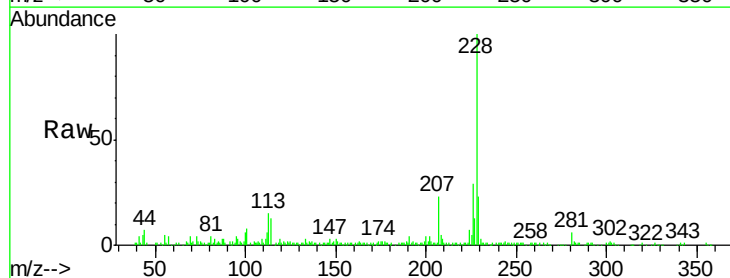
Instrument :
BNA_M
ClientSampleId :
D9EA4

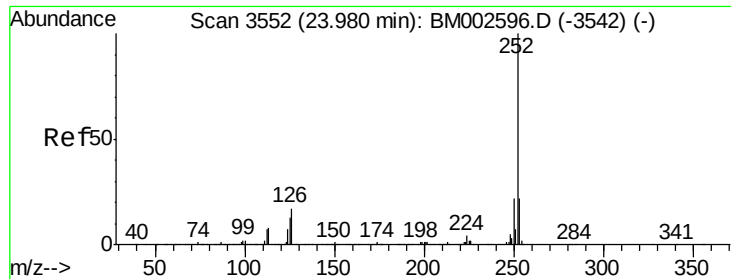
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	26.3	21.1	31.7



#21
Chrysene
Concen: 6.51 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002610.D
Acq: 01 Sep 2015 03:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	23.1	15.7	23.5





#23

Benzo(b)fluoranthene

Concen: 8.88 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

Instrument :

BNA_M

ClientSampleId :

D9EA4

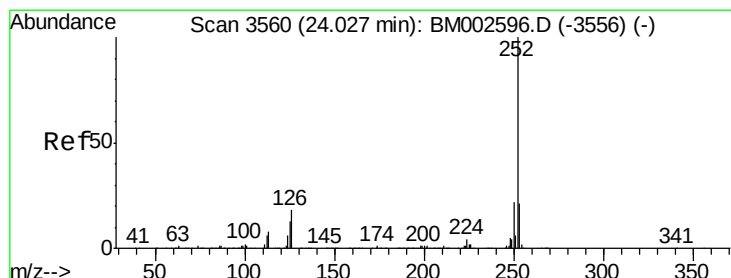
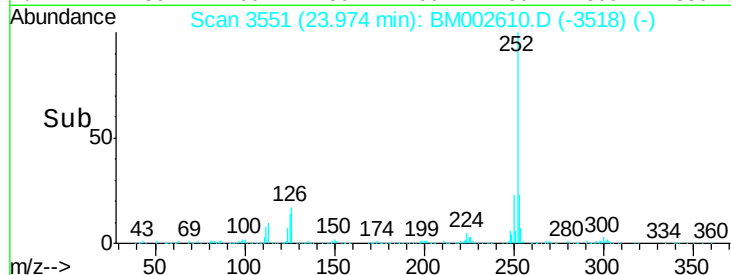
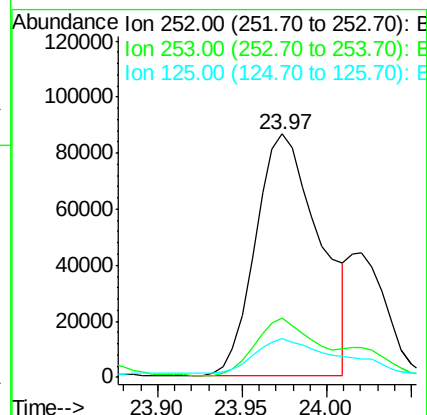
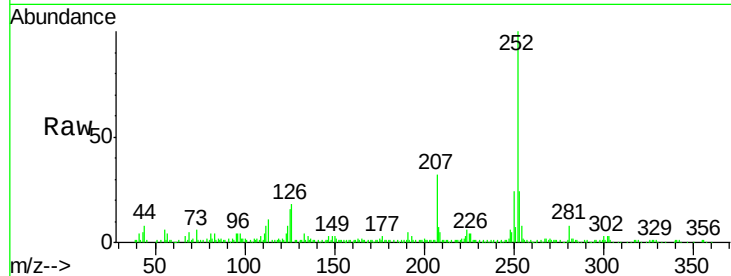
Tgt Ion:252 Resp: 227479

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

125 15.8 10.0 15.0#



#24

Benzo(k)fluoranthene

Concen: 2.60 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. -0.05 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

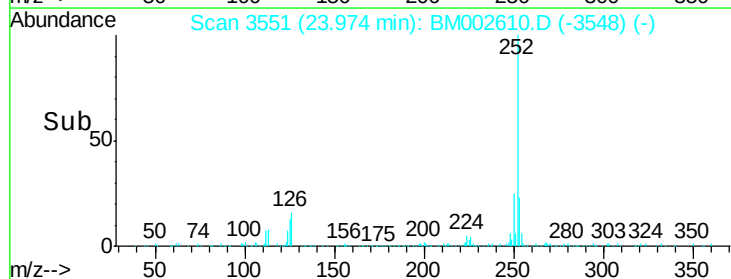
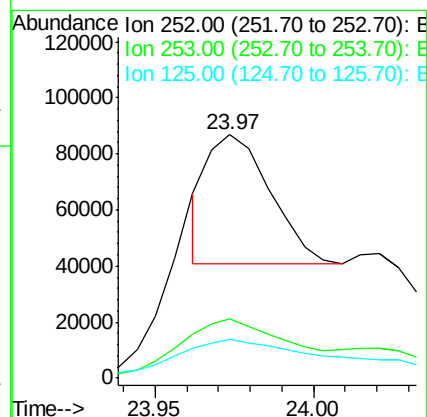
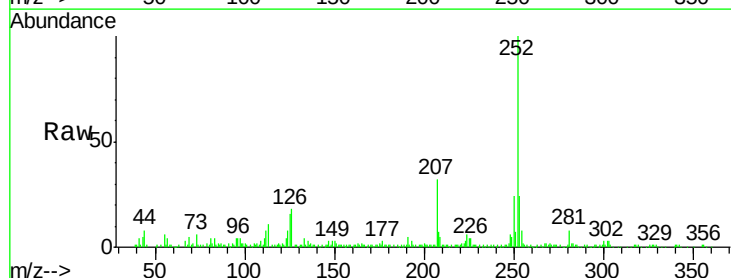
Tgt Ion:252 Resp: 63004

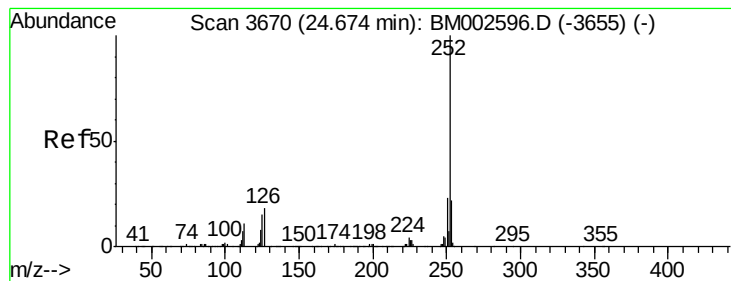
Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 15.8 9.8 14.8#





#26

Benzo(a)pyrene

Concen: 5.70 ng/ul

RT: 24.67 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

Instrument :

BNA_M

ClientSampleId :

D9EA4

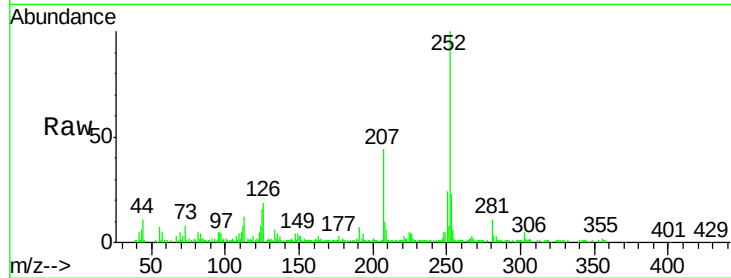
Tgt Ion:252 Resp: 139463

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

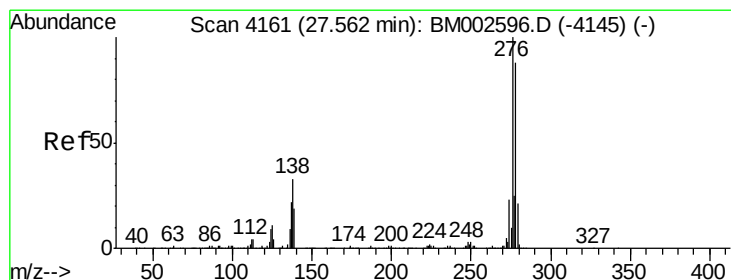
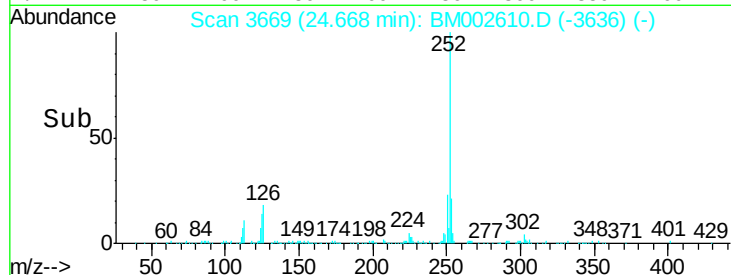
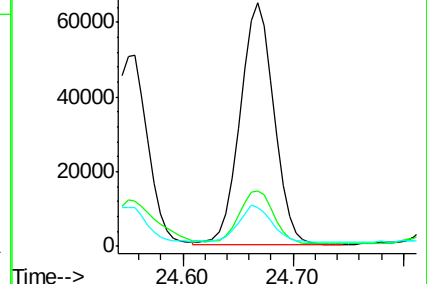
125 16.1 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.79 ng/ul

RT: 27.55 min Scan# 4159

Delta R.T. -0.01 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

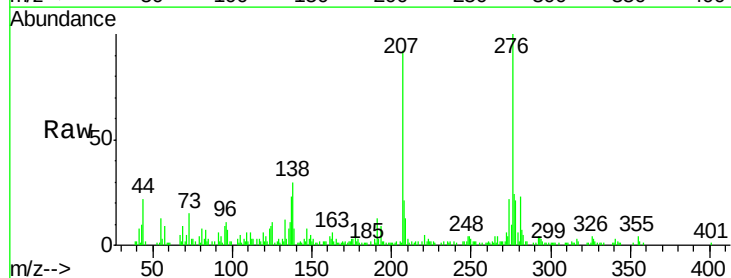
Tgt Ion:276 Resp: 106580

Ion Ratio Lower Upper

276 100

138 30.1 25.3 37.9

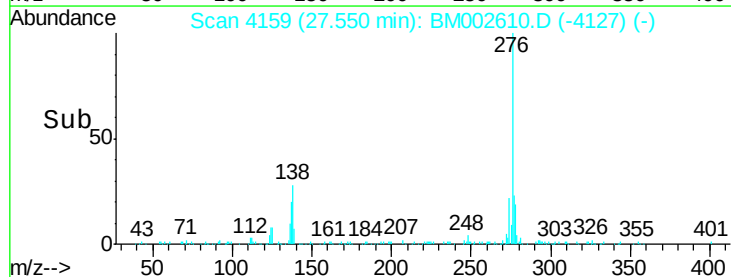
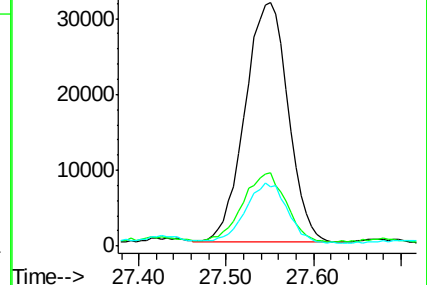
277 24.1 20.2 30.2

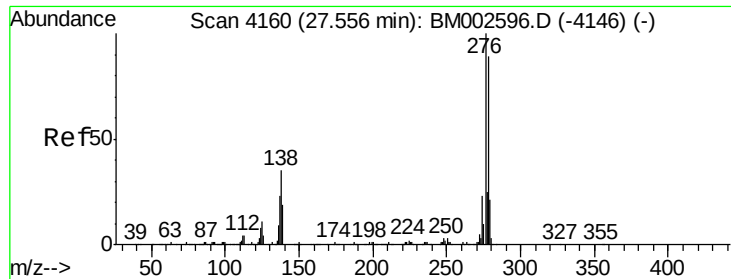


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.28 ng/ul

RT: 27.54 min Scan# 4157

Delta R.T. -0.02 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

Instrument :

BNA_M

ClientSampleId :

D9EA4

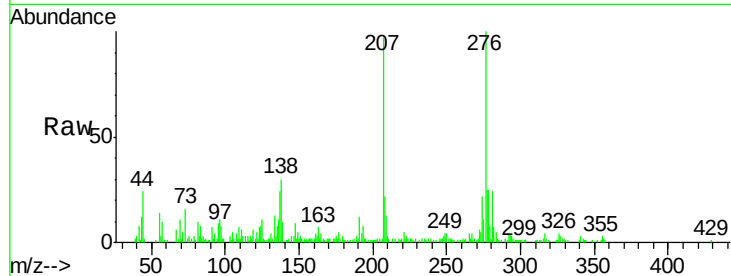
Tgt Ion:278 Resp: 30083

Ion Ratio Lower Upper

278 100

139 38.1 16.5 24.7#

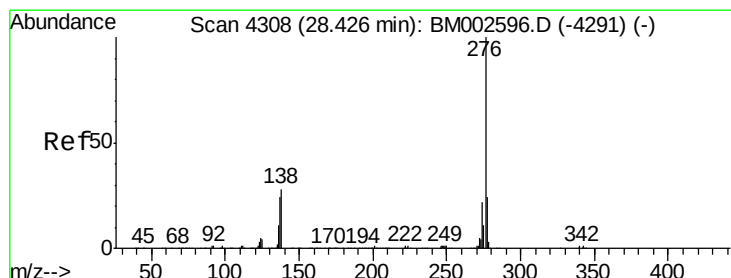
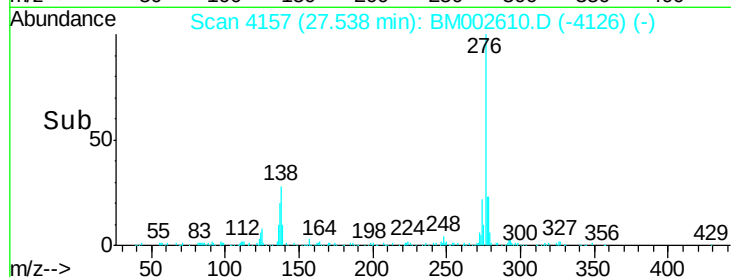
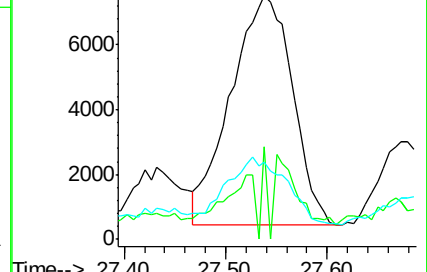
279 31.5 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#29

Benzo(g,h,i)perylene

Concen: 4.17 ng/ul

RT: 28.41 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

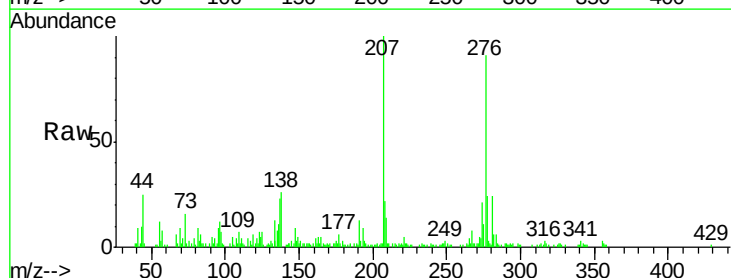
Tgt Ion:276 Resp: 97626

Ion Ratio Lower Upper

276 100

138 28.9 21.0 31.6

277 26.1 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

